Amendment to the Claims:

This listing of claims will replace all versions, and listings, of claims in the application:

1. (Currently Amended)   A system for wireless bridging between networks comprising:

a master switch, the master switch including ~~an associated plurality of~~first and second master switch wireless modules, ~~each of plurality of~~the first master switch wireless module[[s]] including means for selectively broadcasting a[[n]] first associated connection signal and the second master switch wireless module including means for selectively broadcasting a second associated connection signal;

a master switch aggregation port associated with the master switch, the master switch aggregation port being in data communication with each of the ~~plurality of~~first and second master switch wireless modules, the master switch aggregation port including means for selectively routing data among the ~~plurality of~~first and second master switch wireless modules;

a slave switch, the slave switch including an associated ~~plurality of~~first and second slave switch wireless modules, ~~each of~~the ~~plurality of~~first slave switch wireless module[[s]] including means for receiving ~~one~~the first associated connection signal and means for establishing a first wireless data communication link with [[a]]the first master switch broadcasting the first associated connection signal after receipt thereof, the second slave switch wireless module including means for receiving the second associated connection signal and means for establishing a second wireless data communication link with the second master switch broadcasting the second associated connection signal after receipt thereof; and

a slave switch aggregation port associated with the slave switch, the slave switch aggregation port being in data communication with each of the ~~plurality of~~first and second slave switch wireless modules, the slave switch aggregation port including means for selectively routing data among the ~~plurality of~~first and slave switch wireless modules;

wherein the first wireless data communication link and the second wireless data communications link operate concurrently.

2. (Currently Amended)   The system for wireless bridging between networks of claim 1, wherein each aggregation port includes means for detecting a loss of at least one of the first connection signal and the second connection signal, and wherein the means for selectively redirecting is activated in accordance with an output thereof.

3. (Currently Amended)   The system for wireless bridging between networks of claim 2 further comprising means for balancing data flow among at least one of the plurality first and second of master wireless switch modules.

4. (Currently Amended)   The system for wireless bridging between networks of claim 2 further comprising means for balancing data flow among at least one of the plurality offirst and second slave wireless switch modules.

5. (Currently Amended)   The system for wireless bridging of claim 1 wherein each of the plurality offirst and second master wireless modules and first and second slave wireless modules includes means for transmitting data via radio frequency transmission.

6. (Original)   The system for wireless bridging of claim 5 wherein the aggregation ports operate in connection with a selected port aggregation protocol.

7. (Original)   The system for wireless bridging of claim 6 wherein the port aggregation protocol is at least one of a Cisco Port Aggregation Protocol and an IEEE 802.1ad port aggregation protocol.

Claims 8 - 9 (Canceled)

10. (Currently Amended)   A method of wireless bridging between networks comprising the steps of:
        selectively routing data among a plurality offirst and second master switch wireless modules, associated with a master switch, via a switch aggregation port associated therewith;

selectively broadcasting a first connection signal from ~~each of the plurality of~~the first master switch wireless module[[s]];

selectively broadcasting a second connection signal from the second master switch wireless module;

receiving ~~one associated~~the first connection signal and the second connection signal ~~into each of a plurality of~~by a first slave switch wireless module[[s]] associated with a slave switch;

selecting the first connection signal for establishing ~~at least one~~a first wireless data communication link between the first master switch wireless module[[s]] broadcasting the ~~associated~~first connection signal and ~~an associated one of the plurality of~~the first slave switch wireless module[[s]] after receipt of the connection signals;

adding data representative of the first master switch wireless module to a prohibited list responsive to establishing the first wireless data communication link;

receiving the first connection signal and the second connection signal by a second slave switch wireless module associated with the slave switch;

selecting the second connection signal by the second slave switch wireless module responsive to determining the first master switch wireless module is bound to the first slave switch wireless module; and

selectively routing data among the ~~plurality of slave switch~~first and second wireless communication links ~~modules~~via a slave switch aggregation port associated therewith.

11. (Currently Amended)   The method of wireless bridging between networks of claim 10 further comprising the steps of:

sensing a loss of at least one connection signal; and

selectively redirecting data among at least one a) the first and second master switch wireless modules and b) the first and second slave switch wireless modules in accordance with a sensed lost connection signal.

12. (Currently Amended)   The method of wireless bridging between networks of claim 11 further comprising the step of balancing data flow among at least one of a) the plurality

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~~of~~first and second master wireless switch modules and b) ~~the plurality of~~first and second slave wireless modules.

13. (Currently Amended)   The method of wireless bridging of claim 10 further comprising the step of transmitting data via radio frequency transmission ~~with~~ on each of the ~~plurality of~~first and second wireless ~~modules~~ data communication links.

14. (Original) The method of wireless bridging of claim 13 further comprising the step of controlling the aggregation ports operate in connection with a selected port aggregation protocol.

15. (Original) The method of wireless bridging of claim 14 wherein the port aggregation protocol is at least one of a Cisco Port Aggregation Protocol and an IEEE 802.1ad port aggregation protocol.

16. (Currently Amended)   The method of wireless bridging of claim 13 further comprising the steps of:

establishing a weighting value associated with alternative data communication paths between a selected master wireless module and ~~at least two of~~ the ~~plurality of~~first and second slave switch wireless modules; and

selectively establishing a wireless data communication links between the selected master wireless module and a selected slave switch wireless module of the ~~at least two of the plurality~~first and second slave switch wireless modules thereof, which selection is made accordance with the weighting value.

Claim 17. (Canceled)

18. (Original) The method of claim 13 wherein the connection signal further comprises a beacon signal, wherein the beacon signal includes a service set identifier identifying at least one of the plurality of master wireless modules having a service set identifier matching a service set identifier of at least one of the plurality of slave wireless modules.

19. (Original) The method of claim 18, wherein the service set identifier is an IEEE 802.11 Service Set Identifier and the beacon is at least one of an 802.11 Beacon and an 802.11 Probe Response.

20. (Original) The method of claim 13, wherein the master switch includes a switch identifier, the switch identifier transmitted by at least one the plurality of master switch wireless modules.

21. (Original) The method of claim 20, wherein at least one of the slave switch wireless modules of the slave switch are connected to at least one of the master switch wireless modules of the master switch and unconnected master switch wireless modules of the master switch transmit a beacon identifying the master switch to the unconnected slave switch wireless modules of the slave switch.

22. (Original) The method of claim 21, wherein the beacon is at least one of an IEEE 802.11 Beacon and an IEEE 802.11 Probe Response.

23. (Original) The method of claim 10, further comprising the step of transmitting from the master switch to a plurality of slave switches a single copy of a multicast frame using a selected multicast transmission protocol.

24. (New) A system according to claim 1, wherein the first wireless data communication link and second wireless data communication link are isolated by spatial separation.

25. (New) A system according to claim 1, wherein the first wireless data communication link and second wireless data communication link are isolated by frequency separation.

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